

6. (Amended) A system comprising:

an aliquot of a bioactive composition for applying to a nipple surface, said composition comprising at least two of the following: an orifice-dilating agent, a vaso-dilator, a muscle-relaxing agent, a muscle-constricting agent, a lactation-stimulating agent, a secretion-stimulating agent, a sphincter-relaxer, an anti-ischemic agent, a calcium channel blocker, a dye or stain to mark the nipple surface excluding ductal orifices, a dye or stain to mark a perimeter of a ductal orifice, and a dye or stain to mark a ductal orifice.

8. (Amended) A system as in claim 6, further comprising a pad having a geometry sized to circumscribe a breast nipple and enclose a bioactive agent in contact with a nipple surface and cover the nipple surface so that the bioactive agent can act on the nipple surface.

9. (Amended) A system comprising a ductal access tool for collecting fluid from within a breast duct and a composition capable of coating a tip of the ductal access tool to contact a ductal orifice, said composition comprising at least two of the following: an orifice-dilating agent, a vaso-dilator, a muscle-relaxing agent, a muscle-constricting agent, a lactation-stimulating agent, a secretion-stimulating agent, a sphincter-relaxer, an anti-ischemic agent, a calcium channel blocker, a dye or stain to mark the nipple surface excluding ductal orifices, a dye or stain to mark a perimeter of a ductal orifice, and a dye or stain to mark a ductal orifice.

10. (Amended) A system comprising a ductal access tool preloaded with a solution comprising an anesthetic for infusion into an accessed breast duct and a composition capable of coating a tip of the tool, said composition comprising at least two of an orifice-dilating agent, a vaso-dilator, a muscle-relaxing agent, a muscle-constricting agent, a lactation-stimulating agent, a secretion-stimulating agent, a